

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/660,357A
Source: FW/16
Date Processed by STIC: 2-25-05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/25/2005

PATENT APPLICATION: US/10/660,357A

TIME: 10:20:40

Input Set : A:\ABGENIX.030C1SUBSTITUTE.TXT

Output Set: N:\CRF4\02252005\J660357A.raw

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4 <110> APPLICANT: Menashe, Bar-Eli
5   Green, Larry L.
7 <120> TITLE OF INVENTION: USE OF ANTIBODIES AGAINST THE MUC18
8   ANTIGEN
10 <130> FILE REFERENCE: ABGENIX.030C1
12 <140> CURRENT APPLICATION NUMBER: 10/660,357A
13 <141> CURRENT FILING DATE: 2003-09-10
15 <150> PRIOR APPLICATION NUMBER: 10/330,580
16 <151> PRIOR FILING DATE: 2002-12-26
18 <150> PRIOR APPLICATION NUMBER: 60/346,460
19 <151> PRIOR FILING DATE: 2001-12-28
21 <160> NUMBER OF SEQ ID NOS: 90
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 121
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo Sapiens
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32 1          5          10          15
33 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
34          20          25          30
35 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
36          35          40          45
37 Gly Tyr Ile Tyr Tyr Thr Trp Thr Ser Asn Tyr Asn Pro Ser Leu Lys
38          50          55          60
39 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
40 65          70          75          80
41 Arg Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
42          85          90          95
43 Arg Asp Gln Gly Gln Trp Leu Leu Pro Asp Ala Phe Asp Ile Trp Gly
44          100         105         110
45 Gln Gly Thr Met Val Thr Val Ser Ser
46          115         120
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 112
51 <212> TYPE: PRT
52 <213> ORGANISM: Homo Sapiens
54 <400> SEQUENCE: 2
55 Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro Gly
56 1          5          10          15
57 Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Leu Arg Ser
58          20          25          30

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59 Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys Pro Gly Gln Ser
60      35      40      45
61 Pro His Leu Leu Ile Tyr Leu Gly Ser Asn Arg Ala Ser Gly Val Pro
62      50      55      60
63 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
64 65      70      75      80
65 Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln Ala
66      85      90      95
67 Gln Gln Ser Pro Ile Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys
68      100      105      110
71 <210> SEQ ID NO: 3
72 <211> LENGTH: 364
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo Sapiens
76 <400> SEQUENCE: 3
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78 acctgcactg tctctggtgg ctccatcagt agttactact ggagctggat ccggcagccc 120
79 ccagggaagg gactggagtg gattggctat atctattaca cttggacctc caactacaac 180
80 ccctccctca agagtcgcgt caccatatca gtggacacgt ccaaaaacca gttctccctg 240
81 aggctgagtt ctgtgaccgc tgcggacacg gccgtttatt actgtgagag agatcagggg 300
82 cagtggttac taccgatgc ttttgataac tggggccaag ggacaatggt caccgtctct 360
83 tcag
85 <210> SEQ ID NO: 4
86 <211> LENGTH: 337
87 <212> TYPE: DNA
88 <213> ORGANISM: Homo Sapiens
90 <400> SEQUENCE: 4
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92 atctcctgca ggtctagtc gagcctcctg cgtagtaatg gatacaacta tttggattgg 120
93 tacctgcaga agccaggaca gtctccacat ctctgatct atttgggttc taatcgggcc 180
94 tccgggggtcc ctgacagggt cagtggcagt ggatcaggca cagattttac actgaaaatc 240
95 agcagagtgg aggctgagga tgttgggggt tattactgca tgcaagctca acaaagtccg 300
96 atcaccttcg gccaaaggac acgactggag attaaac 337
98 <210> SEQ ID NO: 5
99 <211> LENGTH: 117
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo Sapiens
103 <400> SEQUENCE: 5
104 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
105 1      5      10      15
106 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
107      20      25      30
108 Thr Tyr His Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
109      35      40      45
110 Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
111      50      55      60
112 Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
113 65      70      75      80
114 Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr

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115              85              90              95
116 Cys Ala Arg Gly Asp Gly Tyr Lys Tyr Trp Gly Gln Gly Thr Leu
117              100              105              110
118 Val Thr Val Ser Ser
119              115
122 <210> SEQ ID NO: 6
123 <211> LENGTH: 107
124 <212> TYPE: PRT
125 <213> ORGANISM: Homo Sapiens
127 <400> SEQUENCE: 6
128 Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
129 1              5              10              15
130 Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Asn Asn
131              20              25              30
132 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
133              35              40              45
134 Tyr Gly Ala Ser Thr Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
135              50              55              60
136 Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
137 65              70              75              80
138 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Asn Asn Trp Pro Arg
139              85              90              95
140 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
141              100              105
144 <210> SEQ ID NO: 7
145 <211> LENGTH: 352
146 <212> TYPE: DNA
147 <213> ORGANISM: Homo Sapiens
149 <400> SEQUENCE: 7
150 caggtgcagc tgcaggagtc gggcccagga ctggtgaagc cttcacagac cctgtccctc 60
151 acctgcaact tctctggtgg ctccatcagc agtgggtactt accactggag ctggatccgc 120
152 cagcacccag ggaagggcct ggagtggatt ggggtacatct attacagtgg gagcacctac 180
153 tacaaccctg cctcaagag tcgagttacc atatcagtag acacgtctaa gaaccagttc 240
154 tccctgaagc tgagctctgt gactgccgcg gacacggccg tgtattactg tgcgagaggg 300
155 ggagatggct acaagtactg gggccaggga accctggtca ccgtctcctc ag 352
157 <210> SEQ ID NO: 8
158 <211> LENGTH: 322
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo Sapiens
162 <400> SEQUENCE: 8
163 gaaatagtga tgacgcagtc tccagccacc ctgtctgtgt ctccagggga aagagccacc 60
164 ctctcctgca gggccagtca gagtgttagc aacaacttag cctggtatca gcagaaacct 120
165 ggccaggctc ccaggctcct catctatggt gcatccacca gggccactgg tatcccagcc 180
166 aggttcagtg gcagtgggtc tgggacagag ttcaacttca ccatcagcag cctgcagtct 240
167 gaagattttg cagtttatta ctgtcagcag tataataact ggcctcggac gttcggccaa 300
168 gggaccaagg tggaaatcaa ac 322
170 <210> SEQ ID NO: 9
171 <211> LENGTH: 121
172 <212> TYPE: PRT

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173 <213> ORGANISM: Homo Sapiens
175 <400> SEQUENCE: 9
176 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
177 1 5 10 15
178 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
179 20 25 30
180 Tyr Trp Ser Trp Ile Arg Gln Pro Gly Lys Gly Leu Glu Trp Ile
181 35 40 45
182 Gly Tyr Ile Tyr Tyr Thr Trp Thr Thr Asn Tyr Asn Pro Ser Leu Lys
183 50 55 60
184 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
185 65 70 75 80
186 Arg Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Leu Tyr Tyr Cys Ala
187 85 90 95
188 Arg Asp Gln Gly Gln Trp Leu Leu Pro Asp Ala Phe Asp Ile Trp Gly
189 100 105 110
190 Gln Gly Thr Met Val Thr Val Ser Ser
191 115 120
194 <210> SEQ ID NO: 10
195 <211> LENGTH: 109
196 <212> TYPE: PRT
197 <213> ORGANISM: Homo Sapiens
199 <400> SEQUENCE: 10
200 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
201 1 5 10 15
202 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Asn Tyr
203 20 25 30
204 Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
205 35 40 45
206 Tyr Gly Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
207 50 55 60
208 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
209 65 70 75 80
210 Glu Asp Phe Ala Thr Tyr Tyr Cys Arg Gln Ser Tyr Ser Thr Pro Pro
211 85 90 95
212 Glu Cys Ser Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
213 100 105
216 <210> SEQ ID NO: 11
217 <211> LENGTH: 364
218 <212> TYPE: DNA
219 <213> ORGANISM: Homo Sapiens
221 <400> SEQUENCE: 11
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223 acctgcactg tctctggtgg ctccatcagt agttactact ggagctggat ccggcagccc 120
224 ccagggaagg gactggagtg gattggctat atctattaca cttggaccac caactacaac 180
225 ccctccctca agagtcgcgt caccatatca gtggacacgt ccaagaacca gttctccctg 240
226 aggctgagct ctgtgaccgc tgcggacacg gccctttatt actgtgcgag agatcagggg 300
227 cagtggttac taccgatgc ttttgatata tggggccaag ggacaatggt caccgtctct 360
228 tcag 364

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230 <210> SEQ ID NO: 12

231 <211> LENGTH: 328

232 <212> TYPE: DNA

233 <213> ORGANISM: Homo Sapiens

235 <400> SEQUENCE: 12

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237 atcacttgcc gggcaagtca gagcattagc aactatttaa attggatatca gcagaaacca 120
238 ggaaaagccc ctaagctcct gatctatggt gcatccagtt tgcaaagtgg ggtcccatca 180
239 aggttcagtg gcagtggatc tgggacagat ttactctca ccatcagcag tctgcaacct 240
240 gaagattttg caacctacta ctgtcgacag agttacagta cccctccgga gtgcagtttt 300
241 ggccagggga ccaagctgga gatcaaac                                     328

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243 <210> SEQ ID NO: 13

244 <211> LENGTH: 117

245 <212> TYPE: PRT

246 <213> ORGANISM: Homo Sapiens

248 <400> SEQUENCE: 13

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249 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
250 1 5 10 15
251 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
252 20 25 30
253 Gly Tyr Tyr Trp Thr Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
254 35 40 45
255 Trp Ile Gly Phe Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
256 50 55 60
257 Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
258 65 70 75 80
259 Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
260 85 90 95
261 Cys Ala Arg Glu Gly Asp Gly Phe Asp Tyr Trp Gly Gln Gly Thr Leu
262 100 105 110
263 Val Thr Val Ser Ser
264 115

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267 <210> SEQ ID NO: 14

268 <211> LENGTH: 107

269 <212> TYPE: PRT

270 <213> ORGANISM: Homo Sapiens

272 <400> SEQUENCE: 14

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273 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
274 1 5 10 15
275 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Asp
276 20 25 30
277 Leu Gly Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Arg Leu Ile
278 35 40 45
279 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
280 50 55 60
281 Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
282 65 70 75 80
283 Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Asn Ser Tyr Pro Leu
284 85 90 95

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VERIFICATION SUMMARY

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